

SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878



WP7-501 COMP A

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : WP7-501 COMP A
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Sealing compound

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

TEC7*
Industrielaan 5B
B-2250 Olen
☎ +32 14 85 97 37
☎ +32 14 85 97 38
info@tec7.be
*TEC7 is a registered trademark of Novatech International N.V.

Manufacturer of the product

Novatech International N.V.
Industrielaan 5B
B-2250 Olen
☎ +32 14 85 97 37
☎ +32 14 85 97 38
info@novatech.be

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch) :
+32 14 58 45 45 (BIG)
Ireland - Beaumont Hospital, Dublin (NPIC): +353 1 809 2166 (Public 8 am- 10 pm)
Ireland - Beaumont Hospital, Dublin (NPIC): +353 1 809 2566 (Professionals)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Eye Irrit.	category 2	H319: Causes serious eye irritation.

2.2. Label elements



Signal word Warning

H-statements
H319 Causes serious eye irritation.

P-statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear eye protection.
P264 Wash hands thoroughly after handling.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No other hazards known

WP7-501 COMP A

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark	M-factors and ATE
cement, portland, chemicals	65997-15-1 266-043-4	1%≤C<2.5%	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335	(1)(2)	Constituent	
calcium sulfate	7778-18-9 231-900-3	2.5%≤C<5%		(2)	Constituent	
quartz (SiO ₂)	14808-60-7 238-878-4	40% ≤C<60%		(2)	Constituent	

(1) For H- and EUH-statements in full: see section 16

(2) Substance with a Community workplace exposure limit

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

After eye contact:

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact:

Irritation of the eye tissue.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.2 Unsuitable extinguishing media:

Small fire: No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

Upon combustion: CO and CO₂ are formed.

5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Safety glasses (EN 166). Protective clothing (EN 14605 or EN 13034). Dust cloud production: self-contained breathing apparatus (EN 136 + EN 137). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

Reason for revision: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 15; 16

Publication date: 2020-06-16

Date of revision: 2026-04-06

Revision number: 0300

BIG number: 66112

2 / 12

WP7-501 COMP A

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent dust cloud formation, e.g. by wetting. No naked flames. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Safety glasses (EN 166). Protective clothing (EN 14605 or EN 13034). Dust cloud production: self-contained breathing apparatus (EN 136 + EN 137).

Suitable protective clothing

See section 8.2

6.2. Environmental precautions

Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray.

6.3. Methods and material for containment and cleaning up

Stop dust cloud by humidifying. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Avoid raising dust. Keep away from naked flames/heat. Observe strict hygiene. Remove contaminated clothing immediately. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: 5 °C - 30 °C. Meet the legal requirements. Store in a dry area. Keep container in a well-ventilated place. Keep container tightly closed.

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

EU

Respirable crystalline silica dust	Time-weighted average exposure limit 8 h (Binding occupational exposure limit value)	0.1 mg/m ³ (1)
------------------------------------	--	---------------------------

(1) (2): Respirable fraction

Belgium

Calcium (sulfate de) (anhydrate, hemihydrate, dihydrate, gypse)	Time-weighted average exposure limit 8 h	10 mg/m ³
Ciment portland (sans fibres d'amiante et	Time-weighted average exposure limit 8 h	1 mg/m ³ (1)
Silices cristallines: quartz	Time-weighted average exposure limit 8 h	0.05 mg/m ³ (1)

(1) poussières alvéolaires

The Netherlands

Kristallijn silicastof - kwarts	Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	0.03 ppm (1)
	Time-weighted average exposure limit 8 h (Public occupational exposure limit value)	0.075 mg/m ³ (1)

(1) respirabele fractie

WP7-501 COMP A

France

Calcium (sulfate de)	Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	10 mg/m ³
Silices cristallines : cristobalite, quartz, tridymite	Time-weighted average exposure limit 8 h (VRC: Valeur réglementaire contraignante)	0.1 mg/m ³ (1)

(1) La valeur limite concerne la fraction alvéolaire

Germany

Calciumsulfat: Anhydrit (alveolengängige Fraktion)	vgl. Abschn. IIb	
Calciumsulfat: Anhydrit	Time-weighted average exposure limit 8 h (MAK)	4 mg/m ³ (1)
	vgl. Abschn. Vf) und g)	
Portlandzementstaub	Quarzanteil und Chromatanteil sind separat zu bewerten	

(1) Einatembare Fraktion

Austria

Calciumsulfat	Tagesmittelwert (MAK)	5 mg/m ³ (1)
	Kurzzeitwert 60(Miw) 2x (MAK)	10 mg/m ³ (1)
Portlandzement (Staub)	Tagesmittelwert (MAK)	5 mg/m ³ (2)
Quarzfeinstaub(alveolengängiges kristallines Siliziumdioxid)	Tagesmittelwert (MAK)	0.05 mg/m ³ (1)

(1) Alveolengängige Fraktion

(2) Einatembare Fraktion

UK

Portland cement	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	10 mg/m ³ (1)
	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	4 mg/m ³ (2)
Silica, crystalline	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	0.1 mg/m ³ (3)

(1) Inhalable dust

(2) Respirable dust

(3) Respirable fraction

Ireland

Calcium sulphate	Time-weighted average exposure limit 8 h (Advisory occupational exposure limit values)	10 mg/m ³
Portland Cement	Time-weighted average exposure limit 8 h (Advisory occupational exposure limit values)	1 mg/m ³ (1)
Silica, crystalline, respirable dust, (Cristobalite, Quartz, Tridymite, Tripoli)	Time-weighted average exposure limit 8 h (Binding occupational exposure limit values)	0.1 mg/m ³ (1)

(1) (R)

USA (TLV-ACGIH)

Calcium sulfate	Time-weighted average exposure limit 8 h (TLV - Adopted Value)	10 mg/m ³ (1)
Portland cement	Time-weighted average exposure limit 8 h (TLV - Adopted Value)	1 mg/m ³ (2)
Silica, crystalline - α-quartz and cristobalite	Time-weighted average exposure limit 8 h (TLV - Adopted Value)	0.025 mg/m ³ (3)

(1) (I): Inhalable fraction

(2) R,E: Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica

(3) (R): Respirable fraction

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

Product name	Test	Number
Portland Cement (Total Dust)	OSHA	ID 207
Quartz (silica, crystalline, by XRD)	NIOSH	7500
quartz	NIOSH	7601
quartz	NIOSH	7602
Silica, Quartz in Coal Dust (Silica in coal mine dust)	NIOSH	7603
Sulfites, & Sulfates	NIOSH	6004

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 Threshold values

DNEL/DMEL - Workers

calcium sulfate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	171 mg/m ³	

DNEL/DMEL - General population

WP7-501 COMP A

calcium sulfate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	42.7 mg/m ³	
	Acute systemic effects inhalation	9509 mg/m ³	
	Long-term systemic effects oral	12.2 mg/kg bw/day	
	Acute systemic effects oral	28.3 mg/kg bw/day	

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Avoid raising dust. Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe strict hygiene. Do not eat, drink or smoke during work.

a) Respiratory protection:

Dust production: dust mask with filter type P2.

b) Hand protection:

Protective gloves against chemicals (EN 374).

Materials	Remark
nitrile rubber	Good resistance
butyl rubber	Good resistance

c) Eye protection:

Safety glasses (EN 166). In case of dust production: protective goggles (EN 166).

d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Solid
	Powder
Colour	Variable in colour, depending on the composition
Odour	Odourless
Odour threshold	No data available in the literature
Melting point	No data available in the literature
Boiling point	No data available in the literature
Flammability	Not classified as flammable
Explosion limits	Not applicable
Flash point	Not applicable (solid)
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available in the literature
pH	> 11 ; 50 % ; 20 °C
Kinematic viscosity	Not applicable (solid)
Dynamic viscosity	Not applicable (solid)
Solubility	No data available in the literature
Log Kow	Not applicable (mixture)
Vapour pressure	No data available in the literature
Absolute density	900 kg/m ³ ; 20 °C ; Bulk density
Relative density	0.9 ; 20 °C ; Bulk density
Relative vapour density	Not applicable (solid)
Particle size	No data available in the literature

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Basic reaction.

10.2. Chemical stability

Stable under normal conditions. Hygroscopic.

10.3. Possibility of hazardous reactions

No data available.

Reason for revision: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 15; 16

Publication date: 2020-06-16

Date of revision: 2026-04-06

Revision number: 0300

BIG number: 66112

5 / 12

WP7-501 COMP A

10.4. Conditions to avoid

Precautionary measures

Avoid raising dust. Keep away from naked flames/heat.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Upon combustion: CO and CO₂ are formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Test results

Acute toxicity

WP7-501 COMP A

No (test)data on the mixture available

Judgement is based on the relevant ingredients

calcium sulfate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 420	> 1581 mg/kg bw		Rat (female)	Experimental value of similar product	Converted value
Dermal						Data waiving	
Inhalation (dust)	LC50	OECD 403	> 2.61 mg/l air	4 h	Rat (male / female)	Experimental value of similar product	Converted value

Conclusion

Not classified for acute toxicity

Corrosion/irritation

WP7-501 COMP A

No (test)data on the mixture available

Classification is based on the relevant ingredients

cement, portland, chemicals

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage; category 1					Literature study	
Skin	Irritating; category 2					Literature study	
Inhalation	Irritating; STOT SE cat.3					Literature study	

calcium sulfate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Not irritating	OECD 405		24; 48; 72 hours	Rabbit	Experimental value	Single treatment
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	

quartz (SiO₂)

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Slightly irritating					Literature study	
Skin	Not irritating					Literature study	

Conclusion

Causes serious eye irritation.

Not classified as irritating to the respiratory system

Not classified as irritating to the skin

Respiratory or skin sensitisation

WP7-501 COMP A

No (test)data on the mixture available

Judgement is based on the relevant ingredients

WP7-501 COMP A

calcium sulfate

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 406			Guinea pig (male)	Experimental value of similar product	

Conclusion

Not classified as sensitizing for inhalation
Not classified as sensitizing for skin

Specific target organ toxicity

WP7-501 COMP A

No (test)data on the mixture available
Judgement is based on the relevant ingredients

calcium sulfate

Route of exposure	Parameter	Method	Value	Organ/Effect	Exposure time	Species	Value determination	Remark
Oral (stomach tube)	NOAEL	OECD 422	790 mg/kg bw/day	No effect	41 day(s) - 43 day (s)	Rat (female)	Experimental value of similar product	Converted value
Dermal							Data waiving	

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

WP7-501 COMP A

No (test)data on the mixture available
Judgement is based on the relevant ingredients

calcium sulfate

Result	Method	Test substrate	Effect	Value determination	Remark
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S. typhimurium and E. coli)	No effect	Experimental value of similar product	
Negative with metabolic activation, negative without metabolic activation	OECD 476	Mouse (lymphoma L5178Y cells)	No effect	Experimental value of similar product	

Mutagenicity (in vivo)

WP7-501 COMP A

No (test)data on the mixture available
Judgement is based on the relevant ingredients

calcium sulfate

Result	Method	Exposure time	Test substrate	Organ/Effect	Value determination	Remark
Negative (Oral (diet))	OECD 474		Mouse (male)	No effect	Experimental value of similar product	Single treatment

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

WP7-501 COMP A

No (test)data on the mixture available
Judgement is based on the relevant ingredients

calcium sulfate

Route of exposure	Parameter	Method	Value	Organ/Effect	Exposure time	Species	Value determination	Remark
Oral (diet)	NOAEL	Carcinogenic toxicity study	256 mg/kg bw/day	No carcinogenic effect	104 weeks (daily)	Rat (male)	Experimental value of similar product	
Oral (diet)	NOAEL	Carcinogenic toxicity study	284 mg/kg bw/day	No carcinogenic effect	104 weeks (daily)	Rat (female)	Experimental value of similar product	

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

WP7-501 COMP A

No (test)data on the mixture available
Judgement is based on the relevant ingredients

WP7-501 COMP A

calcium sulfate

Category	Parameter	Method	Value	Exposure time	Species	Effect	Value determination	Remark
Developmental toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	1600 mg/kg bw/day	10 day(s)	Rat	No effect	Experimental value	
Maternal toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	1600 mg/kg bw/day	10 days (gestation, daily)	Rat	No effect	Experimental value	
Effects on fertility (Oral (stomach tube))	NOAEL	OECD 422	790 mg/kg bw/day	2 week(s)	Rat (male / female)	No effect	Experimental value of similar product	Converted value

Conclusion

Not classified for reprotoxic or developmental toxicity

Aspiration hazard

WP7-501 COMP A

Judgement is based on the relevant ingredients
Not classified for aspiration toxicity

Toxicity other effects

WP7-501 COMP A

No (test)data on the mixture available

Chronic effects from short and long-term exposure

WP7-501 COMP A

No effects known.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

WP7-501 COMP A

No (test)data on the mixture available

Judgement of the mixture is based on the relevant ingredients

calcium sulfate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		2980 mg/l	96 h	Lepomis macrochirus			Literature study
Acute toxicity crustacea	LC50	OECD 202	> 79 mg/l	48 h	Daphnia magna		Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	NOEC	OECD 201	2.1 g/l	72 h	Pseudokirchneriella subcapitata			Experimental value; Greater than the water solubility
Toxicity aquatic micro-organisms	NOEC	OECD 209	1000 mg/l	3 h	Activated sludge			Experimental value; Nominal concentration

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

Water

Biodegradability: not applicable

12.3. Bioaccumulative potential

WP7-501 COMP A

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

cement, portland, chemicals

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (inorganic)			

WP7-501 COMP A

calcium sulfate

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (inorganic)			

quartz (SiO2)

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (inorganic)			

Conclusion

Does not contain bioaccumulative component(s)

12.4. Mobility in soil

Contains component(s) that adsorb(s) into the soil

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

PMT conclusion

Does not contain component(s) that meet(s) the criteria of PMT and/or vPvM as listed in Annex I of Regulation (EC) No 1272/2008

WP7-501 COMP A

Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

Groundwater

Groundwater pollutant

Water ecotoxicity pH

pH shift

cement, portland, chemicals

Greenhouse gases

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

Water ecotoxicity pH

pH shift

calcium sulfate

Greenhouse gases

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

quartz (SiO2)

Greenhouse gases

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

No data available

WP7-501 COMP A

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number or ID number	Transport	Not subject
14.2. UN proper shipping name		
14.3. Transport hazard class(es)		
Hazard identification number		
Class		
Classification code		
14.4. Packing group		
Packing group		
Labels		
14.5. Environmental hazards		
Environmentally hazardous substance mark	no	
14.6. Special precautions for user		
Special provisions		
Limited quantities		
14.7. Maritime transport in bulk according to IMO instruments		
Annex II of MARPOL 73/78	Not applicable	

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
0 %	
0 g/l	

Directive 2012/18/EU (Seveso III)

Not subject to registration according to Directive 2012/18/EU (Seveso III)

REACH Candidate list

Does not contain component(s) included in candidate list of substances of very high concern (SVHC) for authorisation (Article 59 of Regulation (EC) No 1907/2006)

REACH Annex XIV - Authorisation

Does not contain component(s) included in Annex XIV of Regulation (EC) No 1907/2006: list of substances subject to authorisation

REACH Annex XVII - Restriction

Does not contain component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

National legislation Belgium

WP7-501 COMP A

No data available

quartz (SiO₂)

Additional classification	Silices cristallines: quartz; C; La mention "C" signifie que l'agent en question relève du champ d'application de l'arrêté royal du 2 décembre 1993 concernant la protection des travailleurs contre les risques liés à l'exposition à des agents cancérigènes et mutagènes et reprotoxiques au travail.
Agents cancérigènes, mutagènes et reprotoxiques et aux agents possédant des propriétés perturbant le système endocrinien (Code du bien-être au travail, Livre VI, titre 2)	silice cristalline alvéolaire; VI.2.3.; Liste non limitative de substances, mélanges et procédés visés à l'article VI.2-1, alinéa 3

National legislation The Netherlands

WP7-501 COMP A

Waterbezwaarlijkheid	B (4); Algemene Beoordelingsmethodiek (ABM)
quartz (SiO ₂)	
SZW - Lijst van kankerverwekkende stoffen	silica (respirabel stof, kristallijn); Opgenomen in SZW-lijst van kankerverwekkende stoffen

National legislation France

WP7-501 COMP A

No data available

National legislation Germany

WP7-501 COMP A

Reason for revision: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 15; 16

Publication date: 2020-06-16

Date of revision: 2026-04-06

Revision number: 0300

BIG number: 66112

10 / 12

WP7-501 COMP A

Lagerklasse (TRGS510)	13: Nicht brennbare Feststoffe, die keiner der vorgenannten LGK zuzuordnen sind
WGK	1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
cement, portland, chemicals	
TA-Luft	5.2.1
calcium sulfate	
TA-Luft	5.2.1
quartz (SiO ₂)	
TA-Luft	5.2.7.1.1/II

National legislation Austria

WP7-501 COMP A

No data available

quartz (SiO₂)

Krebserzeugend	Quarzfeinstaub(alveolengängiges kristallines Siliziumdioxid); III
----------------	---

National legislation United Kingdom

WP7-501 COMP A

No data available

quartz (SiO₂)

Carcinogen	Silica, crystalline; Carc
------------	---------------------------

National legislation Ireland

WP7-501 COMP A

No data available

Other relevant data

WP7-501 COMP A

No data available

cement, portland, chemicals

TLV - Carcinogen	Portland cement; A4
------------------	---------------------

quartz (SiO₂)

TLV - Carcinogen	Silica, crystalline - α-quartz and cristobalite; A2
IARC - classification	1; Silica dust, crystalline, in the form of quartz or cristobalite

15.2. Chemical safety assessment

No chemical safety assessment is required for a mixture.

SECTION 16: Other information

Full text of any H- and EUH-statements referred to under section 3:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

(*)	INTERNAL CLASSIFICATION BY BIG
ADI	Acceptable daily intake
AOEL	Acceptable operator exposure level
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BEI	Biological Exposure Indices
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC10	Effect Concentration 10 %
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
GLP	Good Laboratory Practice
HS	Harmonized System of Nomenclature, a standardized international system for classifying goods under the Harmonized System Convention, as drawn up by the World Customs Organization Secretariat
LC0	Lethal Concentration 0 %
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LOAEC/LOAEL	Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level
NOAEC/NOAEL	No Observed Adverse Effect Concentration/No Observed Adverse Effect Level
NOEC/NOEL	No Observed Effect Concentration/No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from

Reason for revision: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 15; 16

Publication date: 2020-06-16

Date of revision: 2026-04-06

Revision number: 0300

BIG number: 66112

11 / 12

WP7-501 COMP A

time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.